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COATED MEDIA FOR IMPROVED OUTPUT TRAY STACKING AND PRINTER FEED PERFORMANCE

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ABSTRACT OF THE DISCLOSURE

The present invention is drawn to compositions and coated substrates wherein a back coating layer can be implemented for use to mitigate ink transfer, surface damage, smudging, and sticking between stacked sheets in output trays of ink-jet ink printers. Specifically, a coated media sheet can comprise a printing surface including an ink-receiving coating formulated to accept an ink-jet ink composition, and an opposing back surface comprising a back coating. The back coating can include an admixture of 0.5 wt% to 75 wt% of a polymeric binder, 5 wt% to 95 wt% of filler particulates having an average particle size from about 0.01 μm to about 15 μm, and 3 wt% to 90 wt% of spacer particulates having an average particle size from about 6 μm to about 500 μm. In one embodiment, the spacer particulates are larger than the filler particulates.